L Number	Hits	Search Text	DB	Time stamp
-	5	("4757463"-"5010551" "5652754" "6070253" "6115656").pn.	USPAT;	2003/11/06 16:02
			US-PGPUB	•
-	8	intermittent with aberrant	USPAT; US-PGPUB	2003/06/26 15:02
-	0	(intermittent with aberrant) and monitor\$3 and (sens\$3 with characteristic)	USPAT; US-PGPUB	2003/06/26 14:56
-	3	(intermittent with aberrant) and monitor\$3 and sens\$3 and calculat\$3	USPAT; US-PGPUB	2003/06/26 14:57
-	0	((intermittent with aberrant) and monitor\$3 and sens\$3 and calculat\$3) and stor\$3 and fault	USPAT; US-PGPUB	2003/06/26 14:58
-	3	((intermittent with aberrant) and monitor\$3 and sens\$3 and calculat\$3) and stor\$3	USPAT; US-PGPUB	2003/06/26 14:58
-	2	((intermittent with aberrant) and monitor\$3 and sens\$3 and calculat\$3) and stor\$3 and fail	USPAT; US-PGPUB	2003/06/26 14:59
-	. 0	(aberrant with machine) and (communication with data) and (service with personnel)and failure and (alert\$3 or warn\$3)	USPAT; US-PGPUB	2003/06/26 15:08
-	o	(aberrant with machine) and (communication with data) and (service with personnel)and failure	USPAT; US-PGPUB	2003/06/26 15:08
-	1	(aberrant with machine) and (service with personnel)and	USPAT; US-PGPUB	2003/07/02 12:45
-	0	10/056495	USPAT; US-PGPUB	2003/06/26 15:23
-	11	aberrant with machine	USPAT; US-PGPUB	2003/07/02 12:50
-	7	([*] '5887216" "5511183" "5214595" "5043655" "5027285" "4751653" "4728885").pn.	USPAT; US-PGPUB	2003/06/26 16:04
-	1	5887216.pn.	USPAT; US-PGPUB	2003/07/02 12:45
-	1.	5053815.pn.	USPAT; US-PGPUB	2003/07/02 12:58
-	0	((real with time) same (statiscal with calculat\$4)) and (stor\$3 with data with calculat\$4) and (indicat\$4 with (fault or fail\$3))	USPAT; US-PGPUB	2003/07/02 13:10
-	3	((real with time) same (statistical with calculat\$4)) and (stor\$3 with data with calculat\$4) and (indicat\$4 with (fault or fail\$3))	USPAT; US-PGPUB	2003/07/02 14:56
-	0	(real with time with statiscal with calculat\$4) and stor\$3 and (indicat\$4 with (fault or fail\$3))	USPAT; US-PGPUB	2003/07/02 14:57
-	9	(real with time with statistical with calculat\$4) and stor\$3 and (indicat\$4 with (fault or fail\$3))	USPAT; US-PGPUB	2003/07/04 16:30
-	0	((real with time with statistical with calculat\$4) and stor\$3 and (indicat\$4 with (fault or fail\$3))) and encode\$3 and timing	USPAT; US-PGPUB	2003/07/02 15:05
-	0	((real with time with statistical with calculat\$4) and stor\$3 and (indicat\$4 with (fault or fail\$3))) and encode\$3	USPAT; US-PGPUB	2003/07/02 15:05
-	0	(real with time with statistical with calculat\$4) and (pulse with width with modulation)	USPAT; US-PGPUB	2003/07/02 15:29
-	26	(real with time) and (statistical with calculat\$4) and (pulse with width with modulation)	USPAT; US-PGPUB	2003/07/02 15:16
-	5	((real with time) and (statistical with calculat\$4) and (pulse with width with modulation)) and (fault with detect\$3)	USPAT; US-PGPUB	2003/07/02 15:17
-	5	(((real with time) and (statistical with calculat\$4) and (pulse with width with modulation)) and (fault with detect\$3)) and sensor	USPAT; US-PGPUB	2003/07/04 14:38
-	0	(("4757463" "5010551" "5652754" "6070253" "6115656").pn.) and calculat\$3 and statistical and stor\$3	USPAT; US-PGPUB	2003/07/02 15:27
-	0	and (fault or fail\$3) and code (("4757463" "5010551" "5652754" "6070253" "6115656").pn.) and calculat\$3 and statistical and stor\$3	USPAT; US-PGPUB	2003/07/02 15:27
	L	and (fault or fail\$3)	L	

-	2	702/\$.ccls. and (real with time with statistical with	USPAT;	2003/07/03 16:04
		calculat\$4) and ((fail\$3 or fault) with detect\$3)	US-PGPUB	
-	1	(702/\$.ccls. and (real with time with statistical with	USPAT;	2003/07/03 18:08
		calculat\$4) and ((fail\$3 or fault) with detect\$3)) and sens\$3	US-PGPUB	,
		and stor\$3		
-	16	("3710302" "4066960" "4371908" "4720802"	USPAT	2003/07/03 14:50
		"4783748" "5463749" "5561610" "5619014"		
		"5650936" "5682888" "5736847" "5902934"		
		"6014465" "6182022" "6185508" "6256594").PN.	LICDATE	2002/07/02 14:51
•	1	(("3710302" "4066960" "4371908" "4720802" "4783748" "5463749" "5561610" "5619014"	USPAT; US-PGPUB	2003/07/03 14:51
		"5650936" "5682888" "5736847" "5902934"	03-49-09	
		"6014465" "6182022" "6185508" "6256594").PN.) and		•
		encode\$2 and timing		
_	1	(("4757463" "5010551" "5652754" "6070253"	USPAT;	2003/07/03 15:18
		"6115656").pn.) and encode\$2 and (timing or clock)	US-PGPUB	2200,00,00 220,00
-	0	(("4757463" "5010551" "5652754" "6070253"	USPAT;	2003/07/03 15:18
		"6115656").pn.) and encoder	US-PGPUB	
-	1	(("4757463" "5010551" "5652754" "6070253"	USPAT;	2003/07/03 15:18
		"6115656").pn.) and encod\$2	US-PGPUB	
-	0	(real with time with statistical with calculat\$4) and ((fail\$3	USPAT;	2003/07/03 16:05
	1	or fault) with detect\$3) and encoder and clock	US-PGPUB	
-	12	('statistical with calculat\$4) and ((fail\$3 or fault) with	USPAT;	2003/07/04 13:44
		detect\$3) and encoder and clock	US-PGPUB	2002/07/02 47 27
-	5	((statistical with calculat\$4) and ((fail\$3 or fault) with detect\$3) and encoder and clock) and sensor	USPAT; US-PGPUB	2003/07/03 17:27
	48	((fail\$3 or fault) with detect\$3) and (sens\$3 with	USPAT;	2003/07/03 17:32
	10	characteristic) and (encoder with timing)	US-PGPUB	2003/07/03 17.32
-	6	(((fail\$3 or fault) with detect\$3) and (sens\$3 with	USPAT;	2003/07/03 17:32
		characteristic) and (encoder with timing)) and servo	US-PGPUB	2003/07/03 17:32
-	5	((((fail\$3 or fault) with detect\$3) and (sens\$3 with	USPAT;	2003/07/03 17:33
		characteristic) and (encoder with timing)) and servo) and	US-PGPUB	
		tolerance		
-	0	((serial adj control adj bus) with retrieve with data)	USPAT;	2003/07/03 18:12
			US-PGPUB	
-	· 130	serial adj control adj bus	USPAT;	2003/07/03 18:16
	_		US-PGPUB	2002/07/02 40 40
-	7	(serial adj control adj bus) and (retrieve with data)	USPAT;	2003/07/03 18:13
	1	/covial adi control adi buo), and //failt2 ou fault) with	US-PGPUB	2002/07/02 40.47
-	4	(serial adj control adj bus) and ((fail\$3 or fault) with detect\$3) and encoder	USPAT; US-PGPUB	2003/07/03 18:17
_	1.	(statistical with calculat\$4) and ((fail\$3 or fault) with	USPAT;	2003/07/04 14:28
	*	detect\$3) and encoder and clock and (data with point with	US-PGPUB	2003/07/04 14.20
		range)	00100	
-	5280	(communicat\$3 with data) and remote\$3 and (failure or	USPAT;	2003/07/04 14:44
		fail) and alert\$3 and (user or personnel)	US-PGPUB	
-	1065	((communicat\$3 with data) and remote\$3 and (failure or	USPAT;	2003/07/04 14:33
		fail) and alert\$3 and (user or personnel)) and (machine	US-PGPUB	
:	_	with operat\$3)		
-	0	(((communicat\$3 with data) and remote\$3 and (failure or	USPAT;	2003/07/04 14:34
		fail) and alert\$3 and (user or personnel)) and (machine	US-PGPUB	
	24	with operat\$3)) and (aberrant with machine)	LICOAT	2002/07/04 4 4 24
•	24	(((communicat\$3 with data) and remote\$3 and (failure or	USPAT;	2003/07/04 14:34
		fail) and alert\$3 and (user or personnel)) and (machine with operat\$3)) and (motor with encoder)	US-PGPUB	
_	. 24	((((communicat\$3 with data) and remote\$3 and (failure or	USPAT;	2003/07/04 14:35
	''	fail) and alert\$3 and (user or personnel)) and (machine	US-PGPUB	2003/07/07 17.33
		with operat\$3)) and (motor with encoder)) and sensor	30 , 3, 00	
-	13	(((((communicat\$3 with data) and remote\$3 and (failure or	USPAT;	2003/07/04 14:38
		fail) and alert\$3 and (user or personnel)) and (machine	US-PGPUB	
		with operat\$3)) and (motor with encoder)) and sensor) and		(1)
	<u> </u>	(power with supply) and voltage		
		2:58:00 PM Page 2		

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				2000/07/04 44 56
-	6	(((((((communicat\$3 with data) and remote\$3 and (failure	USPAT;	2003/07/04 14:56
	ł	or fail) and alert\$3 and (user or personnel)) and (machine	US-PGPUB	
		with operat\$3)) and (motor with encoder)) and sensor) and		
		(power with supply) and voltage) and (timing with function))		
İ		and (pulse with width with modulation)		
-	0	(communicat\$3 with data) same (machine with operat\$3)	USPAT;	2003/07/04 14:46
		same (use or personnel) same (alert\$3 with user)	US-PGPUB	
-	3	(communicat\$3 with data) same (machine with operat\$3)	USPAT;	2003/07/04 14:47
		same (user or personnel) same alert\$3	US-PGPUB	
-	23	alert\$3 same user same (value or threshold) same reach\$2	USPAT;	2003/07/04 15:42
		same (failure or fault)	US-PGPUB	
-	0	(alert\$3 same user same (value or threshold) same reach\$2	USPAT;	2003/07/04 14:59
	_	same (failure or fault)) and (communication with data) and	US-PGPUB	
		(machine with operat\$3)		
	2	(alert\$3 same user same (value or threshold) same reach\$2	USPAT;	2003/07/04 15:00
	_	same (failure or fault)) and (communication with data) and	US-PGPUB	
		machine and operat\$3	00 / 0/ 05	
_	0	(alert\$3 same user same (value or threshold) same reach\$2	USPAT;	2003/07/04 15:48
1		same (failure or fault)) and (motor with encoder)	US-PGPUB	2000/07/07 10:40
1_	7	(alert\$3 same user same (value or threshold) same reach\$2	USPAT;	2003/07/04 15:48
1	/	same (failure or fault)) and (power with supply) and voltage	US-PGPUB	2003/07/07 13.70
1_	7	((((((communicat\$3 with data) and remote\$3 and (failure	USPAT;	2003/07/04 16:54
-			US-PGPUB	2003/07/04 10:34
1		or fail) and alert\$3 and (user or personnel)) and (machine	03-PGPUB	
	1	with operat\$3)) and (motor with encoder)) and sensor) and		
1		(power with supply) and voltage) and (timing with function)	LICDAT	2002/07/04 47:00
-	62	((fail or failure or fault) with detect\$3) and (timing with	USPAT;	2003/07/04 17:00
		function) and (motor with encoder)	US-PGPUB	2002/07/04 76 56
-	0	(((fail or failure or fault) with detect\$3) and (timing with	USPAT;	2003/07/04 16:56
		function) and (motor with encoder)) and (comunication with	US-PGPUB	
1		data)		2002/07/04 46 57
-	0	(((fail or failure or fault) with detect\$3) and (timing with	USPAT;	2003/07/04 16:57
	:	function) and (motor with encoder)) and comunication and	US-PGPUB	
		alert\$3		
-	11	(((fail or failure or fault) with detect\$3) and (timing with	USPAT;	2003/07/04 16:57
		function) and (motor with encoder)) and communication and	US-PGPUB	
		alert\$3		
· -	17	((fail or failure or fault) with detect\$3) and (timing with	USPAT;	2003/07/04 17:25
		function) and (motor with encoder) and (pulse with width	US-PGPUB	
		with modulation)		
-	2	(((fail or failure or fault) with detect\$3) and (timing with	USPAT;	2003/07/04 17:55
1		function) and (motor with encoder) and (pulse with width	US-PGPUB	
		with modulation)) and ((product\$3 or record\$3 or		
		monitor\$3) same(pulse with width with modulation))		
-	783	servo with tolerance	USPAT;	2003/11/06 16:37
		.	US-PGPUB	
-	1	servo adj3 require adj3 tolerance	USPAT;	2003/07/04 17:56
1			US-PGPUB	
-	4	(monitor\$3 with encoder with timing) and (servo with	USPAT;	2003/11/06 16:03
	,	encoder) and tolerance	US-PGPUB	
-	152	(servo with tolerance) and encoder	USPAT;	2003/11/06 16:30
			US-PGPUB	
-	28	((servo with tolerance) and encoder) and (indicat\$3 with	USPAT;	2003/11/06 16:30
		fault)	US-PGPUB	,,
-	42	servo with tolerance with range	USPAT;	2003/11/06 18:08
			US-PGPUB	
-	19	(servo near2 encoder) and (tolerance with range)	USPAT;	2003/11/06 18:20
		(2010 - 110	US-PGPUB	
-	24	(servo with tolerance with range) and (servo with motor)	USPAT;	2003/11/06 18:31
	- '		US-PGPUB	
_	0	(servo near2 encoder) and (tolerance with "%")	USPAT;	2003/11/06 18:25
		(corrections of and (colorance mail 10)	US-PGPUB	2003/11/00 10:23
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-	0	servo same (encoder with tolerance with "%")	USPAT;	2003/11/06 18:22
			US-PGPUB	
-	0	(servo with motor) and (encoder with tolerance with "%")	USPAT;	2003/11/06 18:24
			US-PGPUB	
•	0	(servo near2 motor) and encoder and (tolerance with "%")	USPAT;	2003/11/06 18:23
			US-PGPUB	
-	0	(servo with motor) and encoder and (tolerance with "%")	USPAT;	2003/11/06 18:24
			US-PGPUB	
-	0	((servo with tolerance with range) and (servo with motor))	USPAT;	2003/11/06 18:25
		and "%"	US-PGPUB	, ,
-	20	(encoder near2 timing) and (servo with encoder) and	USPAT;	2003/11/06 18:32
		tolerance	US-PGPUB	
-	3	(encoder near2 timing) same (servo with encoder) same	USPAT;	2003/11/06 18:38
		tolerance	US-PGPUB	
-	2	702/\$.ccls. and (encoder near2 timing) and (servo with	USPAT;	2003/11/06 18:38
		encoder) and tolerance	US-PGPUB	· · ·
-	18	(servo near2 motor) and (servo near2 encoder) and	USPAT;	2003/11/07 09:58
		(encoder with timing) and tolerance	US-PGPUB	
	3	(servo near2 motor) and (servo near2 encoder) and	USPAT;	2003/11/07 10:11
		(encoder with timing) and tolerance and controller and fault	US-PGPUB	, ,
-	4	(servo near2 encoder) and (encoder with timing) and	USPAT;	2003/11/07 10:17
		(encoder with tolerance)	US-PGPUB	, ,
-	9	(servo with encoder with tolerance)	USPAT;	2003/11/07 10:21
			US-PGPUB	
-	6	(servo with tolerance with percent\$3)	USPAT;	2003/11/07 11:13
			US-PGPUB	
-	1	(statistical with calculat\$4) and (servo with tolerance) and	USPAT;	2003/11/07 10:49
		encoder and fault	US-PGPUB	, ,
-	2	(servo with tolerance with percent\$3) and encoder and	USPAT;	2003/11/07 14:07
		tim\$3	US-PGPUB	
-	. 2	(servo with tolerance with percent\$3) and encoder and	USPAT;	2003/11/07 14:08
		tim\$3 and point and range and count\$3 and fall\$3	US-PGPUB	